Raul Urrutia

List of Publications by Year
in descending order

72 papers	4,953 citations	117625 34 h-index	114465 63 g-index
73 all docs	73 docs citations	73 times ranked	8922 citing authors

#	Article	IF	Citations
1	Sp1- and KrÃ¼ppel-like transcription factors. Genome Biology, 2003, 4, 206.	9.6	820
2	Role of transcription factor KLF11 and its diabetes-associated gene variants in pancreatic beta cell function. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4807-4812.	7.1	231
3	The Heterochromatin Protein 1 family. Genome Biology, 2006, 7, 228.	9.6	222
4	Sin3: Master scaffold and transcriptional corepressor. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2009, 1789, 443-450.	1.9	205
5	Ectopic expression of VAV1 reveals an unexpected role in pancreatic cancer tumorigenesis. Cancer Cell, 2005, 7, 39-49.	16.8	202
6	The family feud: turning off Sp1 by Sp1-like KLF proteins. Biochemical Journal, 2005, 392, 1-11.	3.7	188
7	Molecular Cloning and Characterization of TIEG2Reveals a New Subfamily of Transforming Growth Factor-Î²-inducible Sp1-like Zinc Finger-encoding Genes Involved in the Regulation of Cell Growth. Journal of Biological Chemistry, 1998, 273, 25929-25936.	3.4	178
8	Zymophagy, a Novel Selective Autophagy Pathway Mediated by VMP1-USP9x-p62, Prevents Pancreatic Cell Death*. Journal of Biological Chemistry, 2011, 286, 8308-8324.	3.4	174
9	A Conserved Î±-Helical Motif Mediates the Interaction of Sp1-Like Transcriptional Repressors with the Corepressor mSin3A. Molecular and Cellular Biology, 2001, 21, 5041-5049.	2.3	173
10	Evidence for the existence of an HP1-mediated subcode within the histone code. Nature Cell Biology, 2006, 8, 407-415.	10.3	173
11	The transforming growth factor ?1-inducible transcription factor, TIEG1, mediates apoptosis through oxidative stress. Hepatology, 1999, 30, 1490-1497.	7.3	152
12	Basics of TGF-ÃŸ and Pancreatic Cancer. Pancreatology, 2007, 7, 423-435.	1.1	141
13	Sp1 and Its Likes: Biochemical and Functional Predictions for a Growing Family of Zinc Finger Transcription Factors. Annals of the New York Academy of Sciences, 1999, 880, 94-102.	3.8	126
14	Browning of human adipocytes requires KLF11 and reprogramming of PPARÎ³ superenhancers. Genes and Development, 2015, 29, 7-22.	5.9	124
15	Three Conserved Transcriptional Repressor Domains Are a Defining Feature of the TIEG Subfamily of Sp1-like Zinc Finger Proteins. Journal of Biological Chemistry, 1999, 274, 29500-29504.	3.4	111
16	An mSin3A interaction domain links the transcriptional activity of KLF11 with its role in growth regulation. EMBO Journal, 2003, 22, 4748-4758.	7.8	95
17	MODY7 Gene, KLF11, Is a Novel p300-dependent Regulator of Pdx-1 (MODY4) Transcription in Pancreatic Islet Î² Cells. Journal of Biological Chemistry, 2009, 284, 36482-36490.	3.4	94
18	A functional family-wide screening of SP/KLF proteins identifies a subset of suppressors of KRAS-mediated cell growth. Biochemical Journal, 2011, 435, 529-537.	3.7	85

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19	KLF11 mediates PPARÎ³ cerebrovascular protection in ischaemic stroke. Brain, 2013, 136, 1274-1287.	7.6	78
20	KLF11 mediates a critical mechanism in TGF-Î² signaling that is inactivated by Erk-MAPK in pancreatic cancer cells. Gastroenterology, 2004, 127, 607-620.	1.3	77
21	TIEG proteins join the Smads as TGF-Î²-regulated transcription factors that control pancreatic cell growth. American Journal of Physiology - Renal Physiology, 2000, 278, G513-G521.	3.4	74
22	The Sp1-like Protein BTEB3 Inhibits Transcription via the Basic Transcription Element Box by Interacting with mSin3A and HDAC-1 Co-repressors and Competing with Sp1. Journal of Biological Chemistry, 2001, 276, 36749-36756.	3.4	74
23	Disruption of a Novel KrÃ¼ppel-like Transcription Factor p300-regulated Pathway for Insulin Biosynthesis Revealed by Studies of the c.-331 INS Mutation Found in Neonatal Diabetes Mellitus. Journal of Biological Chemistry, 2011, 286, 28414-28424.	3.4	72
24	Insights into the epigenetic mechanisms controlling pancreatic carcinogenesis. Cancer Letters, 2013, 328, 212-221.	7.2	72
25	Sequence-Specific Transcriptional Repression by KS1, a Multiple-Zinc-Fingerâ€“KrulˆppelÂ-Associated Box Protein. Molecular and Cellular Biology, 2001, 21, 928-939.	2.3	67
26	Silencing of the Transforming Growth Factor-Î² (TGFÎ²) Receptor II by KrÃ¼ppel-like Factor 14 Underscores the Importance of a Negative Feedback Mechanism in TGFÎ² Signaling. Journal of Biological Chemistry, 2009, 284, 6291-6300.	3.4	67
27	Homotypic cell cannibalism, a cellâ€¢death process regulated by the nuclear protein 1, opposes to metastasis in pancreatic cancer. EMBO Molecular Medicine, 2012, 4, 964-979.	6.9	67
28	KLF11-mediated Repression Antagonizes Sp1/Sterol-responsive Element-binding protein-induced Transcriptional Activation of Caveolin-1 in Response to Cholesterol Signaling. Journal of Biological Chemistry, 2005, 280, 1901-1910.	3.4	58
29	Functional analysis of basic transcription element (BTE)-binding protein (BTEB) 3 and BTEB4, a novel Sp1-like protein, reveals a subfamily of transcriptional repressors for the BTE site of the cytochrome P4501A1 gene promoter. Biochemical Journal, 2002, 366, 873-882.	3.7	50
30	Signaling disrupts mSin3A binding to the Mad1-like Sin3-interacting domain of TIEG2, an Sp1-like repressor. EMBO Journal, 2002, 21, 2451-2460.	7.8	49
31	Sequence-specific Recruitment of Heterochromatin Protein 1 via Interaction with KrÃ¼ppel-like Factor 11, a Human Transcription Factor Involved in Tumor Suppression and Metabolic Diseases. Journal of Biological Chemistry, 2012, 287, 13026-13039.	3.4	47
32	Pancreatic Stellate Cell Models for Transcriptional Studies of Desmoplasia-Associated Genes. Pancreatology, 2010, 10, 505-516.	1.1	41
33	Membrane-to-Nucleus Signals and Epigenetic Mechanisms for Myofibroblastic Activation and Desmoplastic Stroma: Potential Therapeutic Targets for Liver Metastasis?. Molecular Cancer Research, 2015, 13, 604-612.	3.4	41
34	Distinct Role of Kruppel-like Factor 11 in the Regulation of Prostaglandin E2 Biosynthesis. Journal of Biological Chemistry, 2010, 285, 11433-11444.	3.4	37
35	Detailed Structural-Functional Analysis of the KrÃ¼ppel-like Factor 16 (KLF16) Transcription Factor Reveals Novel Mechanisms for Silencing Sp/KLF Sites Involved in Metabolism and Endocrinology. Journal of Biological Chemistry, 2012, 287, 7010-7025.	3.4	37
36	KrÃ¼ppel-like Factor 11 Differentially Couples to Histone Acetyltransferase and Histone Methyltransferase Chromatin Remodeling Pathways to Transcriptionally Regulate Dopamine D2 Receptor in Neuronal Cells. Journal of Biological Chemistry, 2012, 287, 12723-12735.	3.4	36

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37	Epigenetics: A Promising Paradigm for Better Understanding and Managing Pain. Journal of Pain, 2013, 14, 549-557.	1.4	36
38	KrÃ¼ppel-Like Factor-11, a Transcription Factor Involved in Diabetes Mellitus, Suppresses Endothelial Cell Activation via the Nuclear Factor-ÎºB Signaling Pathway. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 2981-2988.	2.4	35
39	Evidence Revealing Deregulation of The KLF11-Mao A Pathway in Association with Chronic Stress and Depressive Disorders. Neuropsychopharmacology, 2015, 40, 1373-1382.	5.4	35
40	A Novel Role of the Sp/KLF Transcription Factor KLF11 in Arresting Progression of Endometriosis. PLoS ONE, 2013, 8, e60165.	2.5	34
41	KrÃ¼ppel-like Factor 11 Regulates the Expression of Metabolic Genes via an Evolutionarily Conserved Protein Interaction Domain Functionally Disrupted in Maturity Onset Diabetes of the Young. Journal of Biological Chemistry, 2013, 288, 17745-17758.	3.4	31
42	A Novel Functional Interaction between the Sp1-like Protein KLF13 and SREBP-Sp1 Activation Complex Underlies Regulation of Low Density Lipoprotein Receptor Promoter Function. Journal of Biological Chemistry, 2006, 281, 3040-3047.	3.4	27
43	The sunset of somatic genetics and the dawn of epigenetics: a new frontier in pancreatic cancer research. Current Opinion in Gastroenterology, 2008, 24, 597-602.	2.3	20
44	The Triple-Code Model for Pancreatic Cancer. Surgical Clinics of North America, 2015, 95, 935-952.	1.5	20
45	Differential binding of Sin3 interacting repressor domains to the PAH2 domain of Sin3A. FEBS Letters, 2003, 548, 108-112.	2.8	19
46	Functional impact of Aurora A-mediated phosphorylation of HP1Î³ at serine 83 during cell cycle progression. Epigenetics and Chromatin, 2013, 6, 21.	3.9	19
47	Polycomb and the Emerging Epigenetics of Pancreatic Cancer. Journal of Gastrointestinal Cancer, 2011, 42, 100-111.	1.3	17
48	Evidence supporting a critical contribution of intrinsically disordered regions to the biochemical behavior of full-length human HP1Î³. Journal of Molecular Modeling, 2016, 22, 12.	1.8	16
49	TGFÎ²-mediated signaling and transcriptional regulation in pancreatic development and cancer. Current Opinion in Gastroenterology, 2001, 17, 434-440.	2.3	13
50	Key role of KrÃ¼ppel-like factor proteins in pancreatic cancer and other gastrointestinal neoplasias. Current Opinion in Gastroenterology, 2006, 22, 505-511.	2.3	13
51	Growth inhibitory signalling by TGFÎ² is blocked in Ras-transformed intestinal epithelial cells at a post-receptor locus. Cellular Signalling, 2003, 15, 699-708.	3.6	11
52	Novel role of VMP1 as modifier of the pancreatic tumor cell response to chemotherapeutic drugs. Journal of Cellular Physiology, 2013, 228, 1834-1843.	4.1	10
53	Phenotypic Characterization of Mice Carrying Homozygous Deletion of KLF11, a Gene in Which Mutations Cause Human Neonatal and MODY VII Diabetes. Endocrinology, 2015, 156, 3581-3595.	2.8	9
54	Pancreatic cancer research: challenges, opportunities, and recent developments. Current Opinion in Gastroenterology, 2002, 18, 563-567.	2.3	6

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55	Fundamentals of Transcription Factors and their Impact on Pancreatic Development and Cancer. Pancreatology, 2003, 3, 276-283.	1.1	6
56	Single and combinatorial chromatin coupling events underlies the function of transcript factor krÃ¼ppel-like factor 11 in the regulation of gene networks. BMC Molecular Biology, 2014, 15, 10.	3.0	6
57	The Aurora A-HP1Î³ pathway regulates gene expression and mitosis in cells from the sperm lineage. BMC Developmental Biology, 2015, 15, 23.	2.1	6
58	Modeling postâ€translational modifications and cancerâ€associated mutations that impact the heterochromatin protein 1Î±â€importin Î± heterodimers. Proteins: Structure, Function and Bioinformatics, 2019, 87, 904-916.	2.6	5
59	Conservation of the TGFÎ²/Labial Homeobox Signaling Loop in Endoderm-Derived Cells between Drosophila and Mammals. Pancreatology, 2010, 10, 74-84.	1.1	4
60	Diabetes-Causing Gene, Kruppel-Like Factor 11, Modulates the Antinociceptive Response of Chronic Ethanol Intake. Alcoholism: Clinical and Experimental Research, 2014, 38, 401-408.	2.4	4
61	Mechanisms Underlying the Regulation of HP1Î³ by the NGF-PKA Signaling Pathway. Scientific Reports, 2018, 8, 15077.	3.3	4
62	Discovery, expression, cellular localization, and molecular properties of a novel, alternative spliced HP1Î³ isoform, lacking the chromoshadow domain. PLoS ONE, 2020, 15, e0217452.	2.5	4
63	Critical Role of the HP1-Histone Methyltransferase Pathways in Cancer Epigenetics. Medical Epigenetics, 2013, 1, 100-105.	262.3	3
64	EGFR (ErbB) Signaling Pathways in Pancreatic Cancer Pathogenesis. , 2018, , 383-408.		1
65	EGFR (ErbB) Signaling Pathways in Pancreatic Cancer Pathogenesis. , 2017, , 1-26.		1
66	Notch Signaling in Pancreatic Morphogenesis and Pancreatic Cancer Pathogenesis. , 2017, , 1-23.		0
67	Epigenetics and Its Applications to the Progression Model of Pancreatic Cancer. , 2018, , 177-208.		0
68	Notch Signaling in Pancreatic Morphogenesis and Pancreatic Cancer Pathogenesis. , 2018, , 457-479.		0
69	EGFR Signaling Pathways in Pancreatic Cancer Pathogenesis. , 2010, , 387-402.		0
70	Epigenetics and its Applications to a Revised Progression Model of Pancreatic Cancer. , 2010, , 143-169.		0
71	Notch Signaling in Pancreatic Morphogenesis and Pancreatic Cancer Pathogenesis. , 2010, , 441-455.		0
72	Epigenetics and Its Applications to the Progression Model of Pancreatic Cancer. , 2017, , 1-32.		0